



## Key Indicator - 7.1 Institutional Values and Social Responsibilities

*Metric No: 7.1.2 The Institution has facilities and initiatives for*

- 1. Alternate sources of energy and energy conservation measures*
- 2. Management of the various types of degradable and nondegradable waste*
- 3. Water conservation*
- 4. Green campus initiatives*
- 5. Disabled-friendly, barrier free environment*

### 3. WATER CONSERVATION

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## 1. Introduction to water conservation

Our college has very good water management plant to support all our water needs including hostel. The water management plan is supported with the rain water harvesting and underground tank. The ground water is circulated to overhead tank through underground tank.

The rainwater is harvested to utilise this water for ground water recharging. This is very conventional method of storage of water.

The borewell is constructed inside the college. The overhead and underground water storage tanks are clean periodically and maintained by plumbers and civil maintenance people to take necessary action if required. From the underground tank, water is circulated and store in overhead tank with the help of machine.

The water from overhead tank is separately treated by RO plant and used for drinking purpose. The drinking water is supplied in both the wings A & B. A well-arranged water pipe line system is attached to the overhead water tanks to ensure the continuous supply of water in the college.

Sensor based water level controller is installed on the overhead water tank to avoid the overflow of water from the water tank. This attempt conserves the water as well as energy.

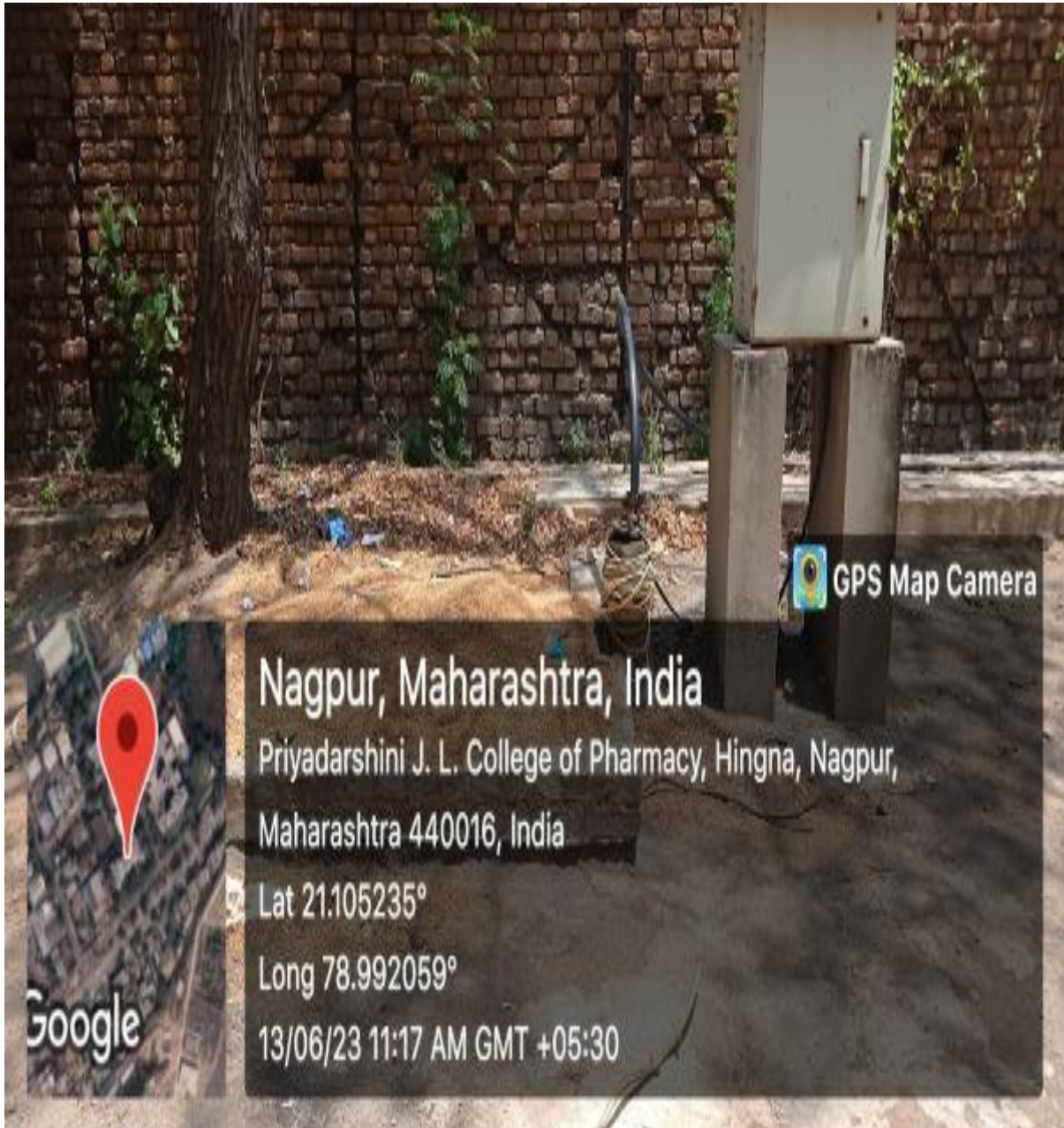


## 2. Rain Water Harvesting





### 3. In-Campus Borewell System





#### 4. Overhead Water Tanks





## 5. Underground Water Tanks





## 6. Sensor Based Water Level Controller





## 7. Guess lecture on “Catch the Rain” to Create Awareness about Water Conservation

Prashant Amale is presenting

**Catch the Rain  
(Where it Falls) ....**

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9<sup>th</sup> August, 2021

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Prashant Amale is presenting

**Don't allow water to run out of your boundary**

Under 'Catch the Rain' campaign, activities to plan -

- ✓ drives to make check dams, water harvesting pits,
- ✓ rooftop RWHS
- ✓ removal of encroachments and
- ✓ de-silting of tanks to increase their storage capacity;
- ✓ removal of obstructions in the channels which bring water to them from the catchment areas etc;
- ✓ repairing of wells, using defunct bore-wells and unused wells **to put water back to aquifers** are to be taken up with the active **participation of people**.

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## 7. Water conservation policy and notice

### 8.

- The taps should be closed properly after each use to avoid over use of water.
- The administrative authorities should immediately repair leaking taps.

